

ANTE OCT OCC OGA OCC TOG OCC CITG OCC TIGT THE TITG GAG THE CITG ANG GAG GAG GAG GAG THE CAG CITT CITG CITC COC ANT ANA OCC CAE TOE ACC TICT TOG GGT GAG 120 G G A W G R L A C Y L E F L K E E L K E F Q L L L A N K A H S A Q P E K T S G M E V A S Y L V A Q Y G E Q R A W D L A L H TOA CITG TOC OCC OAA COC OAG CAA COC OAG CAA COC OAC TOT COC TOA TITC COC TAC CAC CAA COC OAC CITG COC TOT COC ACC OAA COC OAC CITG COC ACC OAC CITG COC ACC OAC CITG COC OA 360 120 SEPHLGSPSQPTSTAVLMP Y S P AGHSPS 480 160 HELPAGCT QGSERRVLRQL PDTS GRRWREI ASLL COR ACC TOC COR CRC TOT CAG TOT CAG TOT CAG ACC CAG TOR COT CAC COT CA PSLAPREQE LGSWGSPPQ SPDHESPSQESPNAP TST CET CET CEE ACC CPA TIES CET CTG CPAT CPA ACG TOA CEA ATT THE THE ACA CPA ATC ACA CPA ACA CPG ACA CPG APA TOA CPG APA CEE ACG CEE ACG CEA TIES COA CEE GTG CEA CEA ACG 720 A P G T Q W P L D E T S G I Y Y T E I R E R E R E K S E K G R P P W A A V V G T 240 CCC COA ONG COG ONC COA COG COA TOG GOG CCT TCT GTG ACA CAG ACC CITC TGT TOC ACA TOG COC TOG ANA ANT GAG GAT TITT ACC CAA ANA TTC ACA CAG 840 ESLCSTWPWKNEDFNQKF QPHHHPWEPSVR PDYVEENRGHLIEIRDL LLLQRPHPRSQDPLVKRSW COC CITG CARE ACC CAA CAA CCT CCC ADA GIC ADA CITG CAG COG CCT CCT CCA ATT CCG AAC TOA ACA CITG CCC ACG CAG GIG AAC CAG CAG CITG TAT CCG CAC CCC 1000 <u>STL</u>ARQVKEAWGRGQLYGDR o G A A G I G K P-loop (Walker A) THE CAG CAT GITE THE THE ACE THE ACE THE ACE THE ACE OF CITE CHE CITE ACE C L D G G V D E P G W V L Q E P S S E L C L H W S Q P Q P A D A L L R -R --P -- E -- R -- L -- L F I L D Walker OCC ACT TITG CITG COE ANA ACT ATTA CITT COC CAG COA TOC TITC CITG ATC ACG CCT COE ACA CCT CITG CAG AAC CITC ATT CCT TICT TITG CAG CAG COA CCT TICG CITA CAG CITC CITG COE 1440 LVKSNKELWALC RKEYFYRYFTDERQA IRAF TTLCLHY W V S W L A C T C L M Q Q M K R K E K L TLTSKTT FECT ONG COA TITE COA COC ONG CITC ACA CAC CITC TOC TOC TOC CITC ONG COC ATC TOC CAA ANA ANG ACC CIT TITC ACT COA CAT CAC CITC ACG ANG CAT COC TITA CAT COC CITC ACG A Q P L G P Q L R D L C S L A A E G I W Q K K T L F S P D D L R K H G L D G A I 600 AND TOC ACC THE THE ANG AND GET ANT CIT CAA GAG CAC COC AND COT CHE ACC THE ANT CAC THE ANT CAA GAG THE TITI COA GOA AND TOC THAT GHE THE CAG GAT GAG 1920 LSYSFIHLCFQEFFAAMS STFLKMGILQEHPIP 2040 K G R G K H S N C I I D L E K T L E A Y G I H G L F G A S T T R F L L G L L S D 680 GAG GGG GAG ACA GAG ATG GAG AAC ATC TITT CAC TOC GGG CTG TCT CAG GGG AAC CTG ATG CAG TOC CTG CGG TCC CTG CAG CTG CTG CAG CAA CAC TCT CTG GAG TCC CTC CAC 2160 OK G R G K H S N C FIG. E. R. E. M. E. N. I. F. H. C. R. L. S. Q. G. R. N. L. M. Q. W. V. P. S. L. Q. L. L. L. Q. P. H. S. L. E. S. L. H. 720.

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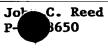
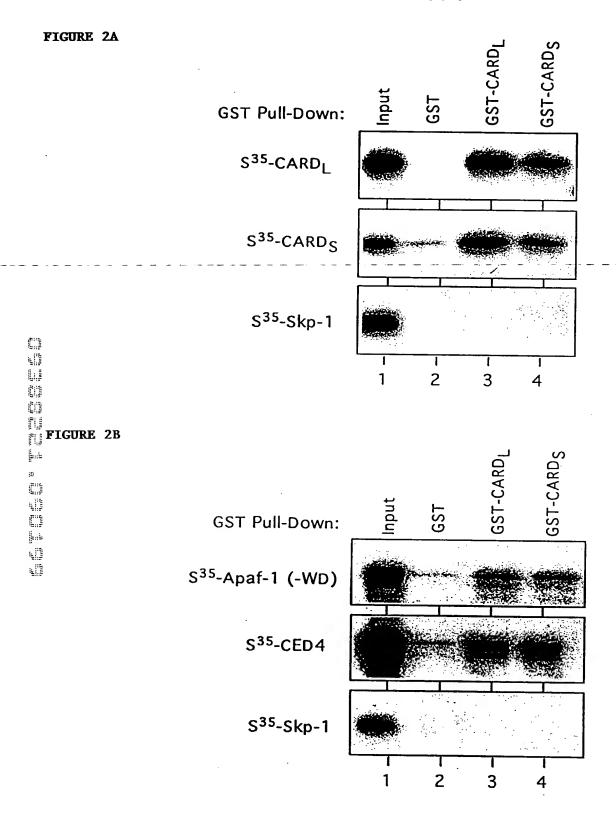


FIGURE 1D

NAC-CARD Apaf-1 CARD4 CED4 CED3 hRAIDD hCaspase-2 hCaspase-9	FIGURE 1E	NAC CARD4 Apaf-1 CED4	NAC CARDA Apaf-1	MAC CARDA Apaf-1 CEDA	NAC CARD4 Apaf-1 CED4
		(329-547) (197-408) (138-352) (154-374)	(329-547) (197-408) (138-352) (154-374)	(329-547) (197-408) (138-352) (154-374)	(329-547) (197-408) (138-352) (154-374)
H1 H2 H3 H4 H5 EXTERNITOR OF THE PROPERTY OF TWO PARTIES OF THE PROPERTY OF T		RQĀŪRĀFRLVKSNKEUMAIJCLWEMVSDLACTOLMQQMKRK Ā <mark>ŪQDR</mark> UŪSQLĒĀNENŪCSILGSWEUFCDILIERGFQHFRAAF Q <mark>UQ</mark> NKQFKRIRKSSSYDVEAUDEA KUESRGŪBGBĒCITPYSVKSU	TIMBEASEMINAR	Walker B GÜATBAPÜRQIIISR-BERLIGHINGEV-DBPGMUQBPSSELGLHWSQPQPADÄLIĞSÜÜĞK YCYPBRDBERÜFAFIBREBHVALIGIFDGÜ-DBLHSDLDÜSRVPÜSSG-PWEPÄHPL-VUIĞNÜĞSÜ LGLNIEEÄKORÜRÜĞMBRKHBRSÜLJÜĞÜÜĞÜMBSMUKKEPSQ-GQIÜLIVIRDKSÜLÜĞNÜĞSG LGLNIEEÄKORÜRÜĞMBRKHBRSÜLJÜĞÜĞÜMBSMUKKEPSQ-GQIÜLIVIRDKSÜLÜĞNÜĞASQIC FBSVBHVTSVÜLKRÜÜCNALIDRENTLIĞÜFDĞÜMQBETIRMÄ-DBLRLR-GBVUURDVEÜSNÜASQIC	P-loop (Walker A) INTEGGAAGI SKSITTAROVKEA MCRGOT-Y GDRECHWYYESGREDAQ-SKVYSDAEDTGKO INTEGELOOPGKYKKMULORLOSIMMATIGRUDA GVKBFREER



	LacZ	Leu-	Leu+	B42	LexA
Sec. —	++ +/ ++ +/- +/- -	ଟ ମଧ୍ୟ		Casp-9 (CARD) Casp-8 (Pro) Apaf-1 (-WD) Bcl-XL (-TM) Bcl-2 (-TM) Bax (-TM) vRas	NAC-CARD
	++ -	#		NAC-CARD Apaf-1 (-WD) vRas	Casp-9 (CARD)
	++++	888	• • •	NAC-CARD FADD vRas	Casp-8 (Pro)
	++++	ય જ ક	•••	NAC-CARD Casp-9 (CARD) vRas	Apaf-1 (-WD)
	+++	1 9 1		NAC-CARD Bcl-XL (-TM) Apaf-1 (-WD) vRas	Bcl-XL (-TM)
	+/-			NAC-CARD Bax (-TM) Bcl-2 (-TM) vRas	Bax
	++ +++ +++ -		• • •	NAC-CARD Bcl-2 (-TM) Bax (-TM) vRas	Bcl-2 (-TM)

FIGURE 3

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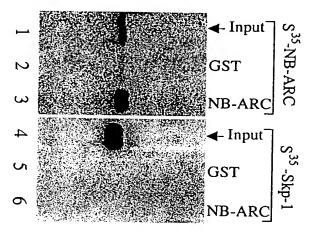


FIGURE 5A

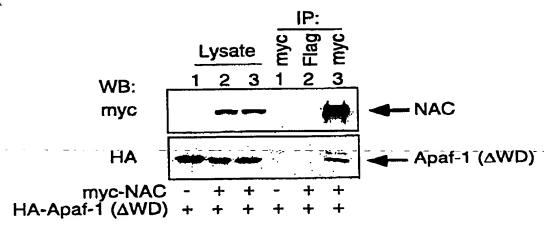
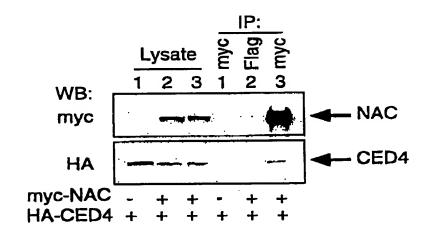


FIGURE 5B

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